

# Hewlett Packard Enterprise ProLiant ML350 Gen9 server (835265-031)

2x Intel Xeon E5-2650 v4 (2.2GHz, 30MB), 32GB (2 x 16GB) DDR4, 8 SFF HDD, Smart Array P440ar 2GB, 2x 800W PS



## Price details:

Price excl. VAT: 5,597.88 €

Eco fees: 0.00 €

VAT 21 %: 1,175.55 €

## Product details:

Product code: 835265-031

EAN: 0889894337221

Manufacturer: Hewlett Packard Enterprise

**6,773.43 €**

\* VAT included

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Need to increase your business productivity and improve operations while balancing your employees' mobility, security and collaboration needs, all within your limited IT budget? HPE ProLiant ML350 Gen9 Server delivers a class-leading combination of performance, expandability, manageability, reliability and serviceability making it the choice for enterprise data centers, expanding SMBs and remote offices of larger businesses. ML350 Gen9 Server leverages the Intel® Xeon® E5-2600 v3 and v4 processors with up to 21% 1 performance gain, plus the latest HPE DDR4 SmartMemory offering up to 23% 2 performance increase.

Additional support for 12 Gb/s SAS, embedded 4x1GbE NIC with a broad range of graphics and compute options. Manage your HPE ProLiant Server in any IT environments by automating the most essential server lifecycle management tasks: deploy, update, monitor, and maintain with ease.

The ML350 Gen9 Server is ideal for enterprise IT infrastructure to mission critical applications.

## Features

### Performance with Unmatched Capacity and Reliability

- The HPE ProLiant ML350 Gen9 Server supports up to two Intel® Xeon® E5-2600 v3 or v4 processors offering improved performance.
- HPE Smart Array Controllers are designed to increase 12 Gb/s performance, data availability and storage capacity while providing the flexibility in choice of solutions that are simple to manage.
- Up to (24) DIMM slots to support HPE DDR4 SmartMemory 2400MHz, helping to prevent data loss and downtime with enhanced error handling while improving workload performance and power efficiency.

### Availability, Expandability and Serviceability - A Winning Combination

- The HPE ProLiant ML350 Gen9 Server offers expandability with greater capacity with (8) to (24) LFF, (8) to (48) SFF drive options and increased I/O expansion.
- Large expansion capacity with (9) PCIe expansion slots, (8) USB ports, 5U Rack conversion, and Power Supply options.
- Embedded 4x1GbE and choice of HPE PCIe standup 1GbE or 10GbE Adapters provide you flexibility of networking bandwidth and fabric so you can adapt and grow to changing business needs.
- Wider GPU support (4) to boost performance in graphic and VDI applications for financial services, education, scientific research, and medical imaging.
- Worldwide availability, service and support with a complete range of Foundation Care offerings from installation to extended support.

### Agile Infrastructure Management for Essential Administration

- The HPE ProLiant ML350 Gen9 Server provides powerful converged management capabilities for the infrastructure lifecycle with embedded server management for provisioning, updating and diagnostic support with HPE iLO.
- Configure in Unified Extensible Firmware Interface (UEFI) boot mode to provision local and remote servers with Intelligent Provisioning and Scripting Toolkits.
- Online personalized dashboard for converged infrastructure health monitoring and support management with HPE Insight Online.

- Optimize firmware and driver updates and reduce downtime with Smart Update, consisting of Smart Update Manager (SUM) and Service Pack for ProLiant (SPP).

#### Energy Efficiency by Design

- The HPE ProLiant ML350 Gen9 Server offers ENERGY STAR® qualified server configurations illustrate the HPE continued commitment to helping customers conserve energy and save money.
  - Next generation high efficiency redundant HPE Flexible Slot Power Supplies provide up to 94% efficiency (Platinum Plus) and support for HPE's Power Discovery Services.
  - Improved ambient temperature standard with ASHRAE A3 and A4 3 helps you reduce cooling costs.
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#### Main specifications:

##### Processor

Processor frequency:	2.2 GHz
Processor family:	Intel Xeon E5 v4
Processor model:	E5-2650V4
Processor cores:	12
Number of processors installed:	2
Processor cache type:	Smart Cache
Processor cache:	30 MB
System bus rate:	9.6 GT/s
Maximum number of SMP processors:	2
Processor socket:	LGA 2011-v3
Motherboard chipset:	Intel C610
Processor boost frequency:	2.9 GHz
Processor lithography:	14 nm
Processor threads:	24
Processor operating modes:	64-bit
Stepping:	M0
Bus type:	QPI
Number of QPI links:	2
Processor codename:	Broadwell
Tcase:	80 °C
Maximum internal memory supported by processor:	1536 GB
Memory types supported by processor:	DDR4-SDRAM
Memory clock speeds supported by processor:	1600,1866,2133,2400 MHz
Memory bandwidth supported by processor (max):	76.8 GB/s
Memory channels supported by processor:	Quad
ECC supported by processor:	Y
Execute Disable Bit:	Y
Idle States:	Y
Thermal Monitoring Technologies:	Y
Maximum number of PCI Express lanes:	40
Processor package size:	52.5 x 51 mm
Supported instruction sets:	AVX 2.0
Processor code:	SR2N3
Scalability:	2S
Physical Address Extension (PAE):	Y
Physical Address Extension (PAE):	46 bit
Embedded options available:	Y
Thermal Design Power (TDP):	105 W
Processor series:	Intel Xeon E5-2600 v4
Conflict Free processor:	Y

##### Memory

Internal memory:	32 GB
Internal memory type:	DDR4-SDRAM
Maximum internal memory:	768 GB
Memory slots:	24
Memory clock speed:	2400 MHz
ECC:	Y
Memory layout (slots x size):	2 x 16 GB

##### Storage

Hard drive size:	2.5 "
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Hard drive interface:	Serial ATA,Serial Attached SCSI (SAS)
RAID support:	Y
Maximum storage capacity:	96 TB
Number of hard drives supported:	8
<b>Networking</b>	
Ethernet LAN:	Y
LAN controller:	HP 331i
Ethernet interface type:	Gigabit Ethernet
<b>Ports &amp; interfaces</b>	
USB 2.0 ports quantity:	4
VGA (D-Sub) ports quantity:	1
Ethernet LAN (RJ-45) ports:	4
Serial ports quantity:	1
USB 3.0 (3.1 Gen 1) Type-A ports quantity:	2
<b>Expansion slots</b>	
PCI Express slots version:	3.0
<b>Design</b>	
Chassis type:	Tower (5U)
Optical drive type:	N
<b>Performance</b>	
Operating system installed:	N
Compatible operating systems:	Microsoft Windows ServerCanonical UbuntuRed Hat Enterprise Linux (RHEL)SUSE Linux Enterprise Server (SLES)VMwareCitrix XenServer
<b>Processor special features</b>	
CPU configuration (max):	2
Enhanced Intel SpeedStep Technology:	Y
Intel® Identity Protection Technology (Intel® IPT):	Y
Intel Virtualization Technology for Directed I/O (VT-d):	Y
Intel® Hyper Threading Technology (Intel® HT Technology):	Y
Intel® Turbo Boost Technology:	2.0
Intel® vPro® Technology:	Y
Intel Flex Memory Access:	N
Intel® AES New Instructions (Intel® AES-NI):	Y
Intel Trusted Execution Technology:	Y
Intel Enhanced Halt State:	Y
Intel VT-x with Extended Page Tables (EPT):	Y
Intel Demand Based Switching:	Y
Intel® Secure Key:	Y
Intel TSX-NI:	Y
Intel® OS Guard:	Y
Intel 64:	Y
Intel Virtualization Technology (VT-x):	Y
Processor ARK ID:	91767
<b>Power</b>	
Redundant power supply (RPS) support:	Y
Power supply:	800 W
Number of redundant power supplies installed:	2
<b>Certificates</b>	
Energy Star certified:	Y
<b>Weight &amp; dimensions</b>	
Width:	219 mm
Depth:	769 mm
Height:	464 mm
Weight:	30000 g
<b>Other features</b>	
Graphics adapter:	G200
Graphics adapter family:	Matrox

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